

## REMARKS

### Status of Claims:

Claims 7-13, 24, 30-36, 56-93, and 95-97 are pending in the present application. Claims 56-93 and 96 and 97 have been withdrawn from consideration; claims 7-13 and 30-36 have been rejected; and claims 24 and 95 have been deemed by the Examiner to be allowable. By way of this amendment, claims 7-10, 12, 30-33, and 36 have been amended; and claims 11, 25-29, 34, 35, and 94 have been canceled.

### Claim Rejections Under 35 USC 112:

Claims 7-13 and 30-36 stand rejected under 35 USC 112, first paragraph as containing subject matter which was not described in the specification in such a way as to enable one skilled in the art to make and/or use the invention. Specifically, the Examiner states that there is no basis in the application for a polymerizable organic composition or the polymerizate thereof utilizing a first monomer derived from a precursor thereof where a polyamine recited in the instant claims are used to react with an isocyanate or isothiocyanate such that thiourethane linkages or dithiourethane linkages are formed. Applicants respectfully traverse the rejection.

The claims have been amended to recite a first monomer derived from a precursor thereof prepared from the reaction of reactive hydrogen material **comprising a polythiol having at least two thiol groups**, and a monomer having at least two functional groups selected from at least one of the group consisting of isocyanate and isothiocyanate, and wherein the reactive hydrogen material, **optionally, further comprises a polyamine**. (Support can be found for the amendments in the specification as originally filed, e.g., at page 4, lines 15-23.) Thus, the reaction of the polythiol with the isocyanate or isothiocyanate will yield a backbone having thiourethane or dithiourethane linkages.

Reconsideration and withdrawal of the rejection under 35 USC 112, first paragraph, are respectfully requested.

In the Action, the Examiner has rejected claims 7-13 and 30-36 under 35 USC 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter regarded as the invention. Specifically, the Examiner notes that it is not clear in claims 7 and 30 as to how the thiourethane linkages or the dithiourethane linkages are formed. As mentioned above the claims have been amended to clarify how the thiourethane linkages or the dithiourethane linkages are formed. Reconsideration and withdrawal of the rejection under 35 USC 112, second paragraph, are respectfully requested.

Further, the Examiner states that there is insufficient antecedent basis for the limitation "SH", "OH", "-NH-" in claims 11 and 34. These claims now have been canceled, thus rendering this rejection moot. Withdrawal of the rejection is respectfully requested. Also, the Examiner notes that in claims 12 and 35, the term "and mixtures thereof" causes confusion because it is not clear as to whether the mixture of the three compounds, or the individual compounds is/are used in the compositions of the instant claims. Claim 35 has been canceled, and claim 12 has been amended to delete the term "and mixtures thereof". This amendment serves to clarify the claimed invention. Reconsideration and withdrawal of the rejection are respectfully requested.

Allowable Subject Matter:

Applicants appreciate the Examiner's allowance of claims 24 and 95.

Conclusion:

Applicants assert that the claims have been amended to overcome all of the Examiner's objections and rejections under 35 USC 112, to address typographical errors, and/or to correct claim dependency. Applicants believe that the application now is in condition for allowance.

Respectfully submitted,

A handwritten signature in cursive script, reading "Deborah M. Altman".

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